

SOLAR RADIO NOISE STORM AT 150.9 MHZ

FROM NANÇAY RADIOHELIOGRAPH

JUNE 2012

	HELIOPHOTOGRAPHIC POSITIONS MEAN VALUES ¹		IMP ²	OBSERVING TIME ³	
DAY	E-W	S-N		START(UT)	END(UT)
01/06/12	-1.00	-0.46	I	08H20 E	15H19 D
02/06/12	-0.83	-0.50	I	08H21 E	15H19 D
03/06/12	-0.94	-0.40	I	11H34	13H00
05/06/12	+0.12	+0.24	II	08H20 E	15H19 D
05/06/12	+0.35	+0.17	III	12H26	15H19 D
06/06/12	+0.28	+0.38	I	08H20 E	15H19 D
07/06/12	+0.74	+0.32	I	08H21 E	15H20 D
08/06/12	-0.04	+0.23	I	08H46 E	10H09
08/06/12	+0.95	+0.59	I	08H46 E	15H20 D
11/06/12	-1.10	-0.46	I	08H21 E	15H20 D
11/06/12	-1.09	-0.14	I	08H21 E	15H20 D
12/06/12	-0.97	-0.43	III	08H22 E	15H21 D
13/06/12	-0.71	-0.70	III	08H22 E	15H21 D
14/06/12	-0.44	-0.57	III	08H22 E	15H21 D
15/06/12	-0.06	-0.30	II	08H29 E	15H22 D
16/06/12	+0.20	-0.30	II	08H22 E	15H21 D
16/06/12	+0.76	-0.59	II	12H40	15H21 D
17/06/12	+0.37	-0.34	III	08H23 E	15H22 D
18/06/12	+0.67	-0.27	I	08H23 E	15H22 D
19/06/12	+1.16	-0.68	II	08H23 E	15H22 D
25/06/12	-0.86	-0.35	I	08H24 E	15H23 D
26/06/12	-0.69	-0.49	I	11H09	14H39

¹ POSITIVE E-W AND S-N COORDINATES CORRESPOND TO THE N-W QUADRANT

² IMP1: FLUX<5 SFU IMP2: 5<FLUX < 20 SFU IMP3: 20<FLUX <100 SFU

IMP4: 100< FLUX <300 SFU IMP5> 300 SFU

³ E NOISE STORM IN PROGRESS AT THE BEGINNING OF THE NANÇAY OBSERVATIONS

D NOISE STORM IN PROGRESS AT THE END OF THE NANÇAY OBSERVATIONS

27/06/12	-1.40	-0.23	II	08H25 E	15H24 D
27/06/12	-1.07	-0.76	I	08H25 E	12H08
28/06/12	-1.32	-0.14	I	08H25 E	12H57 D
28/06/12	-1.05	-0.72	I	08H25 E	12H12
29/06/12	-0.92	-0.29	I	08H26 E	15H25 D
30/06/12	-0.53	-0.36	II	08H25 E	15H25 D
30/06/12	-1.05	-0.26	II	12H55	15H25 D

**SOLAR RADIO NOISE STORM AT 327 MHZ
FROM NANÇAY RADIOHELIOGRAPH**

JUNE 2012

DAY	HELIOPHYSICS POSITIONS MEAN VALUES ¹		IMP ²	OBSERVING TIME ³	
	E-W	S-N		START(UT)	END(UT)
01/06/12	-1.01	-0.32	I	08H20 E	15H19 D
02/06/12	-0.89	-0.37	I	08H21 E	15H19 D
03/06/12	-0.32	-0.48	I	08H21 E	15H19 D
04/06/12	-0.16	-0.39	I	08H20 E	15H20 E
04/06/12	-0.14	+0.28	I	08H20 E	15H20 D
05/06/12	-0.34	-0.29	I	08H20 E	15H19 D
05/06/12	-0.06	+0.25	I	08H20 E	15H19 D
05/06/12	+0.27	+0.18	I	08H20 E	15H19 D
06/06/12	-0.09	-0.29	I	08H20 E	15H19 D
06/06/12	+0.28	+0.34	I	08H20 E	15H19 D
07/06/12	+0.26	-0.34	I	08H21 E	15H20 D
08/06/12	+0.25	-0.35	I	08H46 E	15H20 D
11/06/12	-1.11	-0.45	I	08H21 E	15H20 D
12/06/12	-0.87	-0.39	I	08H22 E	15H21 D
12/06/12	-0.91	+0.19	I	08H22 E	15H21 D
13/06/12	-0.55	-0.34	I	08H22 E	15H21 D
13/06/12	-0.32	-0.57	II	08H22 E	15H21 D
14/06/12	-0.41	-0.33	II	08H22 E	15H21 D

14/06/12	-0.01	-0.45	IV	11H37	15H21 D
15/06/12	+0.29	-0.44	II	08H29 E	15H22 D
16/06/12	+0.24	-0.27	II	08H22 E	15H21 D
16/06/12	+0.68	-0.37	I	08H22 E	15H21 D
17/06/12	+0.40	-0.31	II	08H23 E	15H22 D
17/06/12	+0.81	-0.33	I	08H23 E	15H22 D
18/06/12	+0.63	-0.26	I	08H23 E	15H22 D
18/06/12	+1.00	-0.39	I	08H23 E	15H22 D
19/06/12	+0.87	-0.60	I	08H23 E	15H22 D
19/06/12	+1.08	-0.32	I	08H23 E	15H22 D
20/06/12	+0.81	-0.66	I	08H24 E	15H22 D
22/06/12	-0.76	_0.59	I	08H24 E	15H23 D
22/06/12	+0.18	+0.21	I	08H24 E	15H23 D
25/06/12	-0.83	-0.30	I	08H24 E	15H23 D
26/06/12	-1.19	-0.16	I	11H23	15H24 D
26/06/12	-0.65	-0.39	I	08H32 E	15H24 D
27/06/12	-1.12	-0.23	I	08H25 E	15H24 D
28/06/12	-1.07	-0.33	I	08H25 E	12H57 D
28/06/12	+0.01	-0.33	I	08H25 E	12H57 D
29/06/12	-0.74	-0.27	II	08H26 E	15H25 D
30/06/12	-0.71	-0.32	II	08H25 E	15H25 D
30/06/12	-0.88	-0.23	I	08H25 E	15H25 D

OTHERS DAYS: NO DETECTABLE NOISE STORM

- For the days marked by an asterisk, intense ionospheric gravity waves are observed during the whole day. Without a mode detailed analysis leadind to increase uncertainties in the deviation , the positions which are indicated are estimated within 0.2 R

** Following a large burst

*** importance not well determined due to the proximity off the very strong other source

**** no flux measurements available